

PASSWORD:  
TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock  
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area  
NEWS 4 Apr 09 ZDB will be removed from STN  
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and  
IFIUDB  
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and  
ZCAPLUS  
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available  
NEWS 9 Jun 03 New e-mail delivery for search results now available  
NEWS 10 Jun 10 MEDLINE Reload  
NEWS 11 Jun 10 PCTFULL has been reloaded  
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment  
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;  
saved answer sets no longer valid  
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY  
NEWS 15 Jul 30 NETFIRST to be removed from STN  
NEWS 16 Aug 08 CANCERLIT reload  
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN  
NEWS 18 Aug 08 NTIS has been reloaded and enhanced  
NEWS 19 Aug 09 JAPIO to be reloaded August 25, 2002  
NEWS 20 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)  
now available on STN  
NEWS 21 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded  
NEWS 22 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded  
NEWS 23 Aug 26 Sequence searching in REGISTRY enhanced  
  
NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,  
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),  
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 10:45:21 ON 29 AUG 2002

=>

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'STNGUIDE' ENTERED AT 10:45:36 ON 29 AUG 2002

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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Aug 23, 2002 (20020823/UP).

=>

NAME	CREATED	NOTES/TITLE
ADIACRYST/A	TEMP	1001 ANSWERS IN FILE CAPLUS
ALKYLATIN/L	13 DEC 2001	9 L-NUMBERS
ASPARTAME/A	TEMP	2346 ANSWERS IN FILE CAPLUS
A408SRCH/L	TEMP	42 L-NUMBERS
CONIFERAL/A	TEMP	388 ANSWERS IN FILE CAPLUS
GLYPHSRCH/L	TEMP	13 L-NUMBERS
INDIUMCL3/A	30 MAY 2001	1 ANSWER IN FILE REGISTRY
LTWENTAUGFOR/A	04 AUG 2001	72 ANSWERS IN FILE CAPLUS
NASTATINS/A	TEMP	144 ANSWERS IN FILE CAPLUS
NEOTAMECRYST/A	24 APR 2001	59 ANSWERS IN FILE CAPLUS
NVLARMFULGEN/A	19 APR 2001	196 ANSWERS IN FILE REGISTRY
POHBENZALDEH/A	10 JUL 2001	5519 ANSWERS IN FILE CAPLUS
PROCTYLCMPD/A	TEMP	10 ANSWERS IN FILE CAPLUS
PROCTYLSRCH/L	TEMP	4 L-NUMBERS
PROSTACMPD15/A	01 AUG 2001	34 ANSWERS IN FILE CAPLUS
STILLEAPP/L	07 JAN 2002	17 L-NUMBERS
SWEET/L	TEMP	6 L-NUMBERS
SWEETALDEH/A	TEMP	11 ANSWERS IN FILE CAPLUS
TWOAMINOPOLY/Q	16 APR 2001	UPLOADED STRUCTURE

=>

NO SAVED SDI REQUESTS

=>

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.06

0.27

FILE 'CAPLUS' ENTERED AT 10:46:10 ON 29 AUG 2002

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FILE COVERS 1907 - 29 Aug 2002 VOL 137 ISS 9  
FILE LAST UPDATED: 27 Aug 2002 (20020827/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

```
=>
L1 (          1)SEA FILE=REGISTRY ABB=ON  PLU=ON  CONIFERALDEHYDE/CN
L2          388 SEA FILE=CAPLUS ABB=ON  PLU=ON  L1
```

```
=>
L3          STR
L4 (          1)SEA FILE=REGISTRY EXA FUL L3
L5          11 SEA FILE=CAPLUS ABB=ON  PLU=ON  L4
```

```
=> file caplus
COST IN U.S. DOLLARS                               SINCE FILE      TOTAL
                                                ENTRY      SESSION
FULL ESTIMATED COST                               0.40          0.67
```

FILE 'CAPLUS' ENTERED AT 10:46:21 ON 29 AUG 2002  
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```
=> hydrogen?
L6          916125 HYDROGEN?
```

```
=> 12 and 16
```

L7 27 L2 AND L6

=> d 17 10-27 ti

L7 ANSWER 10 OF 27 CAPLUS COPYRIGHT 2002 ACS

TI A comparative study on reactions of **hydrogen** peroxide and peracetic acid with lignin chromophores. Part 1. The reaction of coniferaldehyde model compounds

L7 ANSWER 11 OF 27 CAPLUS COPYRIGHT 2002 ACS

TI Reactivity of ferulic acid and its derivatives toward **hydrogen** peroxide and peracetic acid

L7 ANSWER 12 OF 27 CAPLUS COPYRIGHT 2002 ACS

TI Low molecular-weight phenolic compounds in natural and agglomerated cork stoppers

L7 ANSWER 13 OF 27 CAPLUS COPYRIGHT 2002 ACS

TI Assignment of the photoyellowing-related 1675 cm<sup>-1</sup> Raman/IR band to p-quinones and its implications to the mechanism of color reversion in mechanical pulps

L7 ANSWER 14 OF 27 CAPLUS COPYRIGHT 2002 ACS

TI A novel test method for catalysts in the treatment of biomass pyrolysis oil

L7 ANSWER 15 OF 27 CAPLUS COPYRIGHT 2002 ACS

TI Influence of polysulfide on the rate of degradation of six p-OH styrene structures at two OH<sup>-</sup> concentrations

L7 ANSWER 16 OF 27 CAPLUS COPYRIGHT 2002 ACS

TI Insect repellent compositions containing aromatic aldehydes

L7 ANSWER 17 OF 27 CAPLUS COPYRIGHT 2002 ACS

TI The action of phloroglucinol in the presence of hydrochloric acid on photoaged, totally-chlorine-free, bleached chemical pulps

L7 ANSWER 18 OF 27 CAPLUS COPYRIGHT 2002 ACS

TI Melanin formation inhibitors containing phenols and skin cosmetics containing them

L7 ANSWER 19 OF 27 CAPLUS COPYRIGHT 2002 ACS

TI On the behavior of spruce thermomechanical pulp lignin during **hydrogen** peroxide bleaching

L7 ANSWER 20 OF 27 CAPLUS COPYRIGHT 2002 ACS

TI The color and UV-visible absorption spectra of mechanical and ultra-high yield pulps treated with alkaline **hydrogen** peroxide

L7 ANSWER 21 OF 27 CAPLUS COPYRIGHT 2002 ACS

TI Formation and reactions of leucochromophoric structures in high yield pulping

L7 ANSWER 22 OF 27 CAPLUS COPYRIGHT 2002 ACS

TI The biosynthesis of the phenethylisoquinoline alkaloid colchicine. Early and intermediate stages

L7 ANSWER 23 OF 27 CAPLUS COPYRIGHT 2002 ACS

TI Topical cosmetics containing 1,7-diphenyl-4-hepten-3-one for skin disorder

treatment

- L7 ANSWER 24 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Fundamental properties of mechanical pulp lignins. II. Behaviors of coniferyl aldehyde type structures in pulp lignin
- L7 ANSWER 25 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Structural changes in bagasse lignin by alkaline peroxide. II
- L7 ANSWER 26 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI The reactions of lignin with alkaline **hydrogen** peroxide. Part III. The oxidation of conjugated carbonyl structures
- L7 ANSWER 27 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Thermofractography for the characterization of natural polyphenols, tanning agents, and leather

=> d 17 1-10 ti

- L7 ANSWER 1 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Integrated wine quality sensor
- L7 ANSWER 2 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Hair dyeing compositions containing cyclopentaquinoxalinium derivatives
- L7 ANSWER 3 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Process for producing aspartyl dipeptide ester derivatives
- L7 ANSWER 4 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Temporary hair dyes containing enamines
- L7 ANSWER 5 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Oxidation of cinnamyl alcohols and aldehydes by a basic peroxidase from lignifying *Zinnia elegans* hypocotyls
- L7 ANSWER 6 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Process for producing and purifying aspartame derivative as sweetener
- L7 ANSWER 7 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Method for synthesis of aromatic carbonyl compounds from styrenes using lipases
- L7 ANSWER 8 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Role of phenolic derivatives in photopolymerization of an acrylate coating
- L7 ANSWER 9 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI Preparation of 3-phenylpropenoic acid or phenylpropenamide derivatives as Maillard reaction inhibitors
- L7 ANSWER 10 OF 27 CAPLUS COPYRIGHT 2002 ACS  
TI A comparative study on reactions of **hydrogen** peroxide and peracetic acid with lignin chromophores. Part 1. The reaction of coniferaldehyde model compounds

=> logoffhold

0 LOGOFFHOLD

L8

0 LOGOFFHOLD

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

12.38

13.05

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 10:48:14 ON 29 AUG 2002